AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) ~~Method~~ A method for allocating a carrier frequency in a radiocommunication system in which data bursts are transmitted between a remote unit ~~(12)~~ and a fixed unit ~~(11)~~, ~~characterised in that it includes the following steps~~ the method comprising:

recording a ~~predetermined~~ number of predetermined parameters ~~relative to~~ which occur during a communication between the remote unit and the fixed unit without taking measurements;

allocating a probability level to each ~~carrier frequency~~ of a plurality of carrier frequencies allocated to a communication, on the basis of weighting of the recorded parameters; and

selecting a carrier frequency, from among the plurality of carrier frequencies, ~~on the basis of being that~~ which ~~offers~~ has a highest probability level ~~for being~~ to be allocated to a communication.

2. (Currently Amended) ~~System~~ A system for allocating a radio channel in a wireless communication system, ~~in which data bursts are transmitted between a remote unit (12) and a fixed unit (11), characterised in that the system includes:~~ the system comprising:

a remote unit; and

a fixed unit configured to record a number of predetermined parameters which occur during a communication in which data bursts are transmitted between the remote unit and the fixed unit without taking measurements, allocate a probability level to each of a plurality of carrier frequencies allocated to a communication on the basis of weighting of the recorded parameters, and select a carrier frequency, from among the plurality of carrier frequencies, which has a highest probability level to be allocated to a communication

~~means adapted for recording a predetermined number of parameters relative to a communication;~~

~~means adapted for allocating a probability level to each carrier frequency allocated to a communication, on the basis of weighting of the recorded parameters; and~~

~~means adapted for selecting a carrier frequency on the basis of being that which offers highest probability for being allocated to a communication~~.

3. (Currently Amended) ~~Fixed unit (11)~~ The method according to claim 1, ~~characterised in that~~ said fixed unit ~~(11) includes means adapted for recording a~~ is configured to record the ~~predetermined number of parameters relative to a communication~~ wherein the predetermined parameters comprise at least one errors that are produced during the communication and retransmissions during the communication.

4. (Currently Amended) ~~Fixed unit (11) according to claim 1, characterised in that said fixed unit (11) includes means adapted for allocating a probability level to the carrier frequency allocated to a communication, on the basis of weighting of the recorded parameters~~ The system of claim 2, wherein the predetermined parameters comprise at least one of errors that are produced during the communication and retransmissions during the communication.

5. (Currently Amended) ~~Fixed unit (11) according to claim 1, characterised in that said fixed unit (11) includes means adapted for selecting a carrier frequency from among a set of carrier frequencies, on the basis of a probability level~~ A fixed unit of a wireless communication system, the fixed unit being configured to record a number of predetermined parameters which occur during a communication in which data bursts are transmitted between a remote unit and the fixed unit without taking measurements, allocate a probability level to each of a plurality of carrier frequencies allocated to a communication on the basis of weighting of the recorded parameters, and select a carrier frequency, from among the plurality of carrier frequencies, which has a highest probability level to be allocated to a communication.

6. (New) The fixed unit according to claim 5, wherein the predetermined parameters comprise at least one of errors that are produced during the communication and retransmissions during the communication.